

Table 1. A comparison of different monitoring programs for the shore-based whiting fishery.						
Issues	Alternative 1 (No Action Alternative) Trip Limit Regime	Alternative 2 (Status Quo) Maximized Retention with EFP	Alternative 3 Maximized Retention with Observers		Alternative 4 Maximized Retention with Electronic Monitoring Systems and Catch Monitors	
Management structure	<ul style="list-style-type: none">• Non-whiting trip limits• Catch sorted at sea• Whiting OYs likely to be constrained by projected bycatch of overfished species	<ul style="list-style-type: none">• EFP• Maximized retention• Whiting OYs may be fully available if fleetwide bycatch limits are used to constrain overfished species catch	<ul style="list-style-type: none">• Federal regulation• Maximized retention• Whiting OYs may be fully available if fleetwide bycatch limits are used to constrain overfished species catch; with adequate catch accounting, sector bycatch limits may be possible.		<ul style="list-style-type: none">• Federal regulation• Maximized retention• Whiting OYs may be fully available if fleetwide bycatch limits are used to constrain overfished species catch; with adequate catch accounting, sector bycatch limits may be possible.	
Recordkeeping and reporting	<ul style="list-style-type: none">• State trawl logs• State fish tickets• No Federal reports	<ul style="list-style-type: none">• State trawl logs - with discard events recorded• State fish tickets• Test electronic logbooks on vessels & electronic fish tickets at processing facility in 2007	<ul style="list-style-type: none">• As early as 2008 - Electronic logbooks on vessels & electronic fish tickets at processing facility with daily submission requirements		<ul style="list-style-type: none">• As early as 2008 - Electronic logbooks on vessels & electronic fish tickets at processing facility with daily submission requirements	
Monitoring shore-based catcher vessels at-sea	<ul style="list-style-type: none">• Federal observers quantify discards at sea• Coverage included with bottom trawl fleet, approximately X% of trips monitored	<ul style="list-style-type: none">• EMS on vessels to monitor maximized retention	<ul style="list-style-type: none">• Observers quantify at-sea discards and monitor maximized retention		<ul style="list-style-type: none">• EMS used to monitor for maximized retention	
			3A Federally funded	3B Resource/Industry funded	4A Federally funded	4B Resource/Industry funded
			<ul style="list-style-type: none">• Extend existing WCGOP funds to cover fishery	<ul style="list-style-type: none">• Resource-funded no-cost contract a/• NMFS funds observer infrastructure	<ul style="list-style-type: none">• Extend existing WCGOP funds to cover fishery• NMFS funds analysis	<ul style="list-style-type: none">• Direct pay• Resource-funded no-cost contract• NMFS funds analysis

Issues	Alternative 1 (No Action Alternative) Trip Limit Regime	Alternative 2 (Status Quo) Maximized Retention with EFP	Alternative 3 Maximized Retention with Observers		Alternative 4 Maximized Retention with Electronic Monitoring Systems and Catch Monitors	
Monitoring shoreside processors	<ul style="list-style-type: none"> OR - Port samplers collect fish tickets, prepare landing and prohibited species summaries. Industry samplers collect species composition samples and biological data WA & CA – Port samplers collect fish tickets, species composition samples and biological data 	<ul style="list-style-type: none"> OR - Port samplers collect fish tickets, prepare landing and prohibited species summaries. Industry samplers collect species composition samples and biological data WA & CA – port samplers collect fish tickets, species composition samples and biological data 	<ul style="list-style-type: none"> Observers sample deliveries at processing facility to collect data for fish ticket verification; salmon counts; and biological data; Port samplers continue to collect biological data 		<ul style="list-style-type: none"> Monitors observe weighing and collect data for fish ticket verification; Port samplers continue to collect biological data 	
			3A Federally funded	3B Resource/Industry funded	4A Federally funded	4B Resource/Industry funded
			<ul style="list-style-type: none"> Extend use of existing WCGOP funds 	<ul style="list-style-type: none"> Resource-funded no-cost contract a/ 	<ul style="list-style-type: none"> Extend use of existing WCGOP funds 	<ul style="list-style-type: none"> Direct pay Resource-funded no-cost contract
Disposition of Overage Fish	<ul style="list-style-type: none"> No overages 	<ul style="list-style-type: none"> Overages reported on fish tickets and funds abandoned to state - State enforcement tracks 	<ul style="list-style-type: none"> Overages reported on fish tickets and funds from sale abandoned/donated to charity 		<ul style="list-style-type: none"> Overages reported on fish tickets and funds from sale abandoned/donated to charity 	
			3A Status Quo	3B Resource/Industry funded	4A Status Quo	4B Resource/Industry funded
			<ul style="list-style-type: none"> Overage fish abandoned to state or donated to charity. State enforcement tracks 	<ul style="list-style-type: none"> Overage fish abandoned to federal account and used with no-cost contract to offset observer costs. Federal enforcement tracks 	<ul style="list-style-type: none"> Overage fish abandoned to state or donated to charity. State enforcement tracks 	<ul style="list-style-type: none"> Overage fish abandoned to federal account and used with no-cost contract to offset observer costs. Federal enforcement tracks

a/ The legal and policy issues for new direct pay observer programs, where industry participants pay directly for observer services, have not been explored in depth.